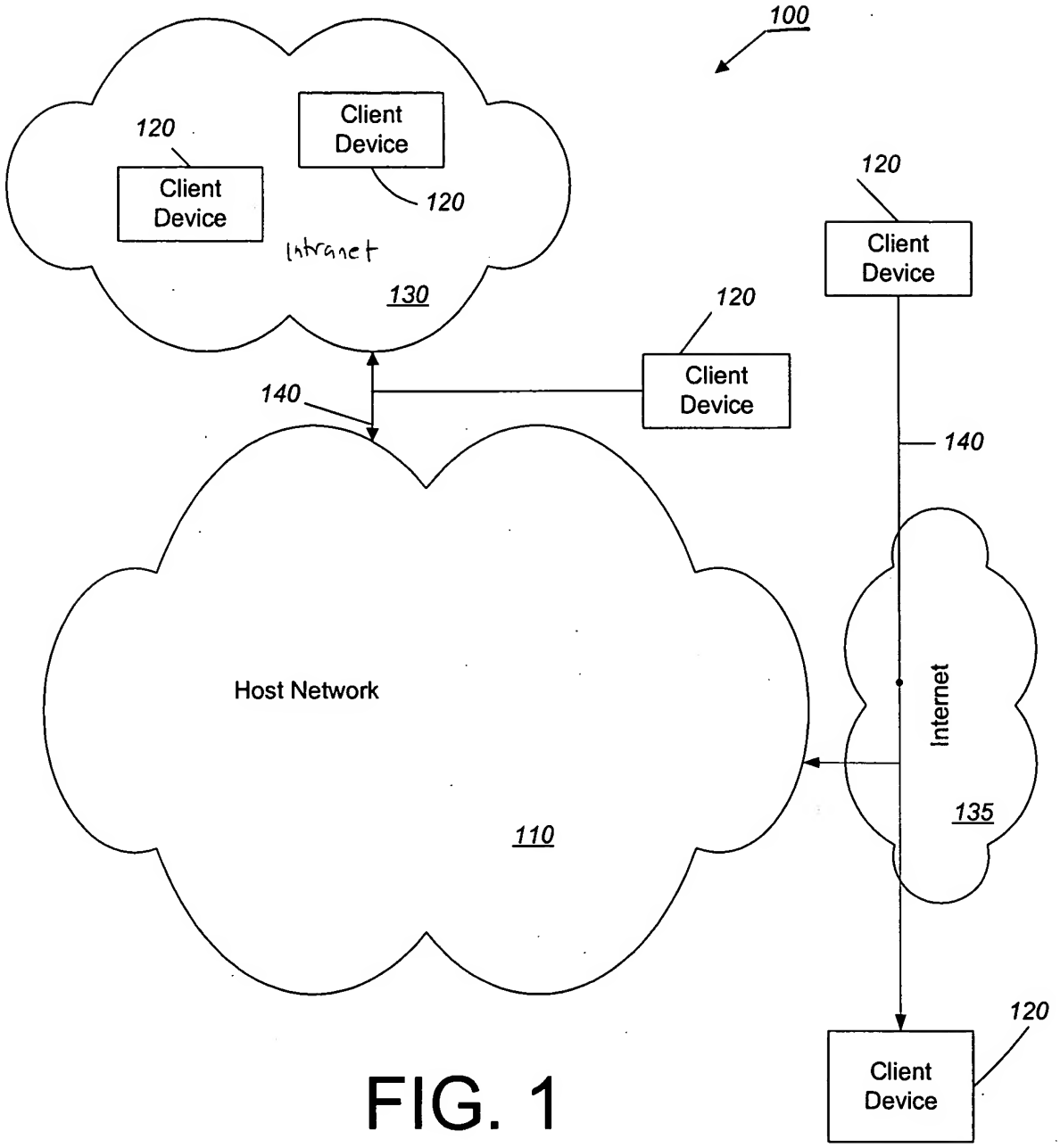
100
120
Client Device
120
Client Device
Client Device
120
Intranet
130
120
Client Device
140
140
Host Network
110
Internet
135
120
Client Device

FIG. 1

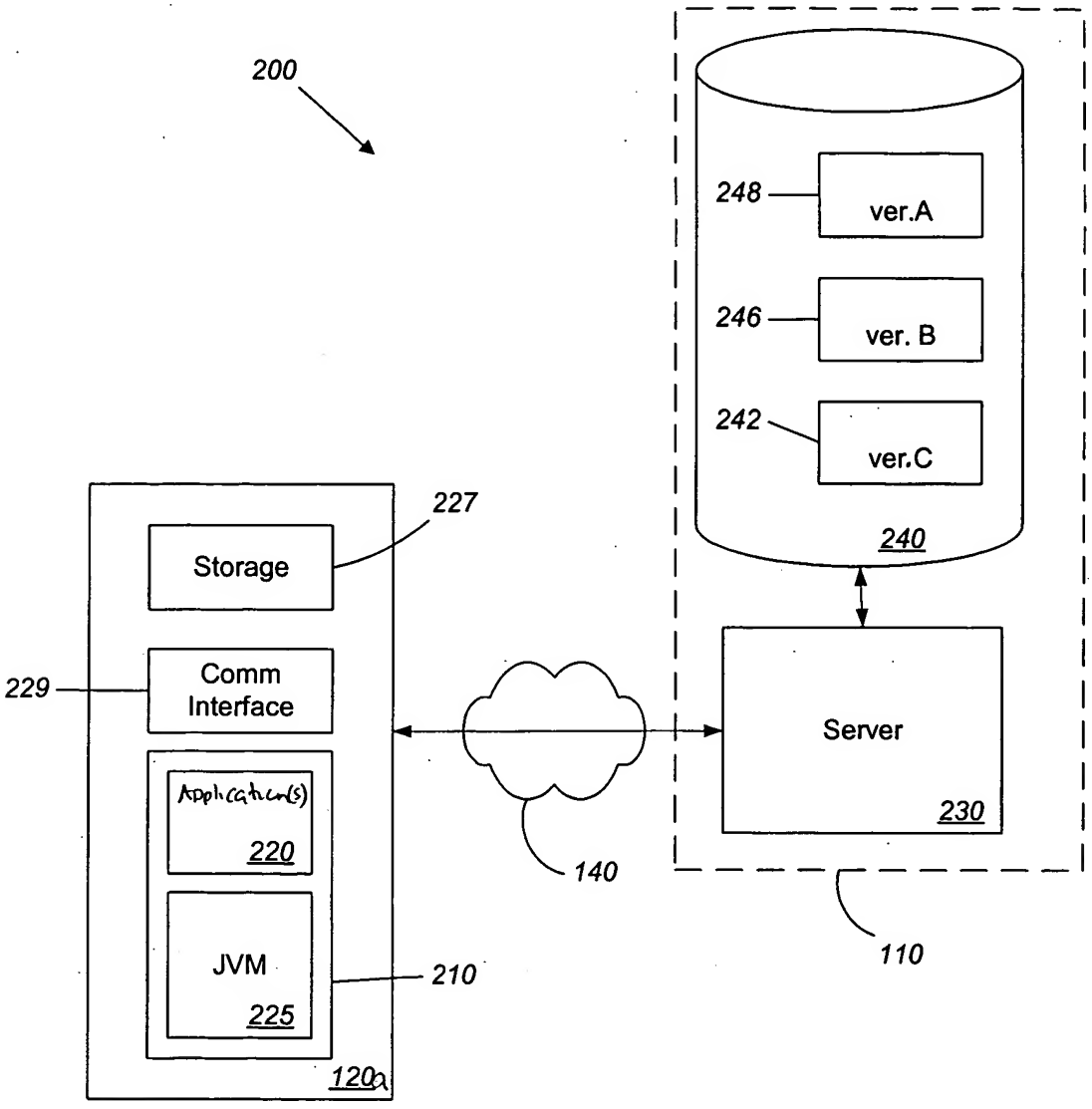
200
248
ver.A
246
ver. B
242
ver.C
240
227
Storage
229
Comm Interface
Application(s)
220
JVM
225
210
120
140
Server
230
110

FIG. 2

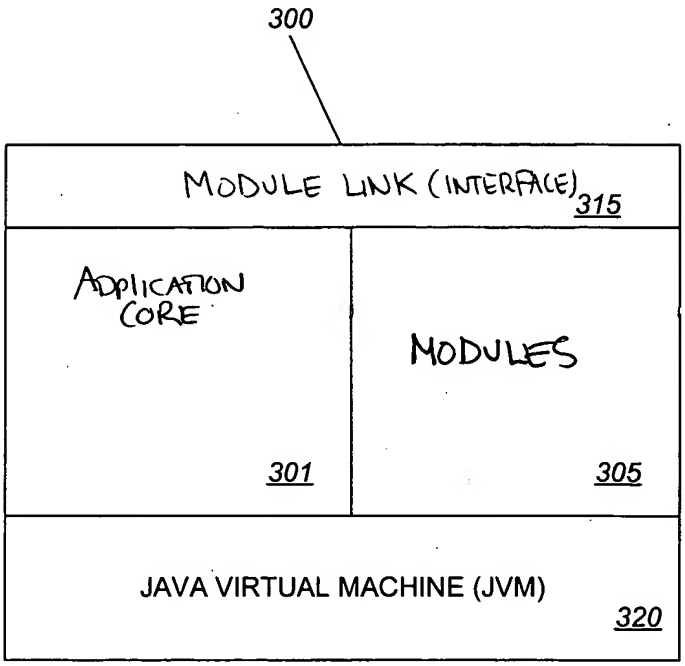
300
MODULE LINK (INTERFACE)
315
APPLICATION CORE
301
MODULES
305
JAVA VIRTUAL MACHINE (JVM)
320

FIG. 3

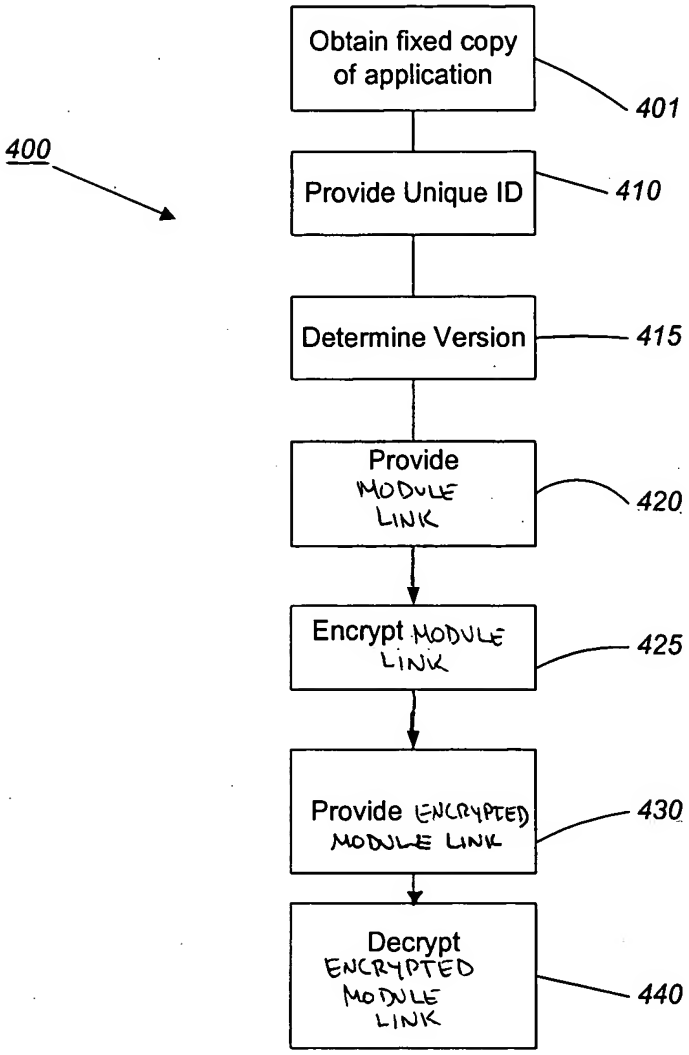
400
Obtain fixed copy of application
401
Provide Unique ID
410
Determine Version
415
Provide MODULE LINK
420
Encrypt MODULE LINK
425
Provide ENCRYPTED MODULE LINK
430
Decrypt ENCRYPTED MODULE LINK
440

FIG. 4

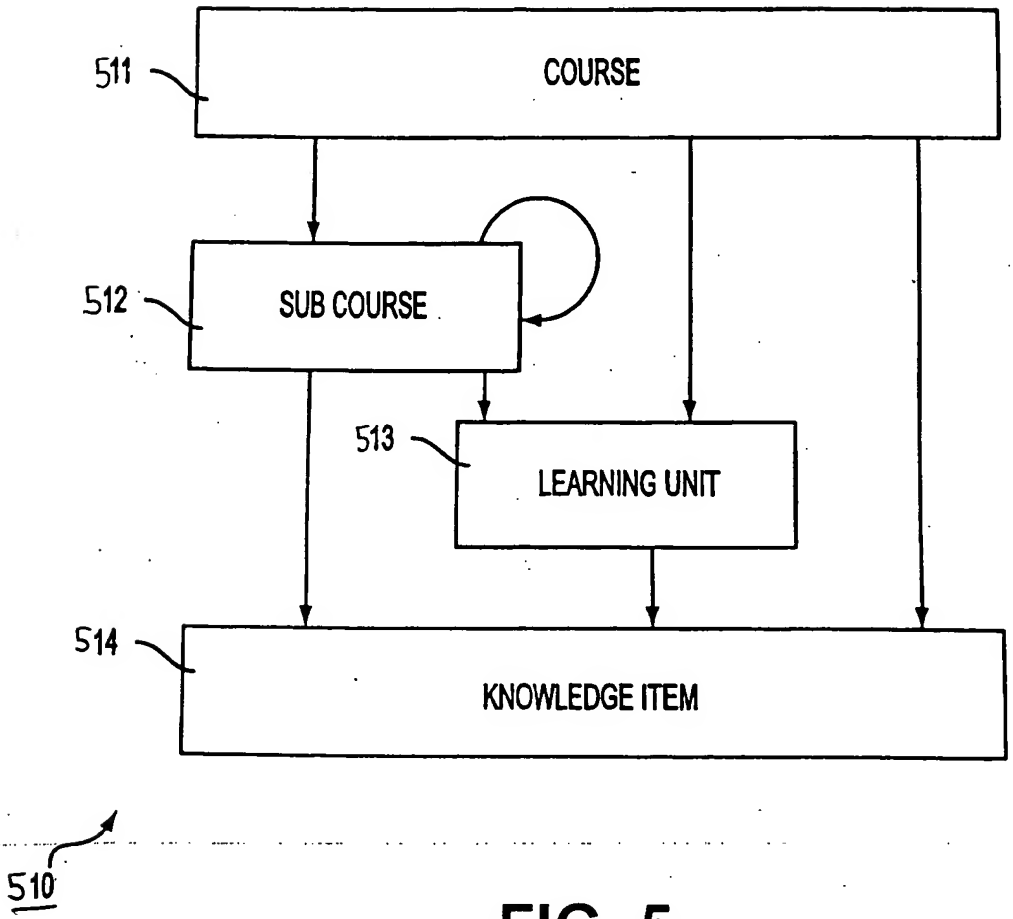
511
COURSE
512
SUB COURSE
513
LEARNING UNIT
514
KNOWLEDGE ITEM
510

FIG. 5

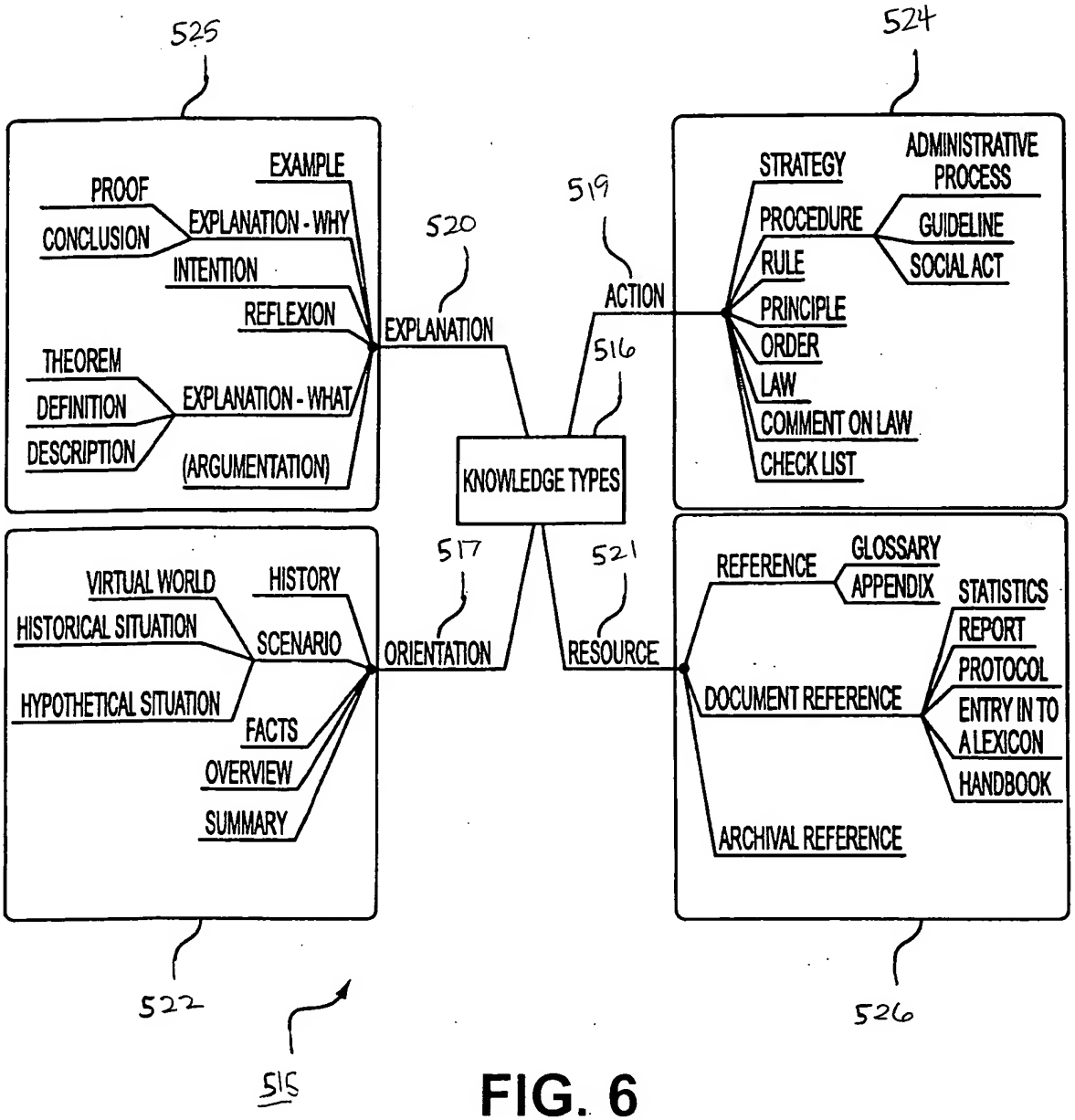
525
524
EXAMPLE
PROOF
CONCLUSION
EXPLANATION - WHY
INTENTION
REFLEXION
THEOREM
DEFINITION
DESCRIPTION
EXPLANATION - WHAT
(ARGUMENTATION)
520
EXPLANATION
519
ACTION
516
KNOWLEDGE TYPES
STRATEGY
ADMINISTRATIVE PROCESS
PROCEDURE
GUIDELINE
RULE
SOCIAL ACT
PRINCIPLE
ORDER
LAW
COMMENT ON LAW
CHECK LIST
517
ORIENTATION
521
RESOURCE
VIRTUAL WORLD
HISTORY
HISTORICAL SITUATION
SCENARIO
HYPOTHETICAL SITUATION
FACTS
OVERVIEW
SUMMARY
REFERENCE
GLOSSARY
APPENDIX
STATISTICS
REPORT
PROTOCOL
DOCUMENT REFERENCE
ENTRY IN TO A LEXICON
HANDBOOK
ARCHIVAL REFERENCE
522
526
515

FIG. 6

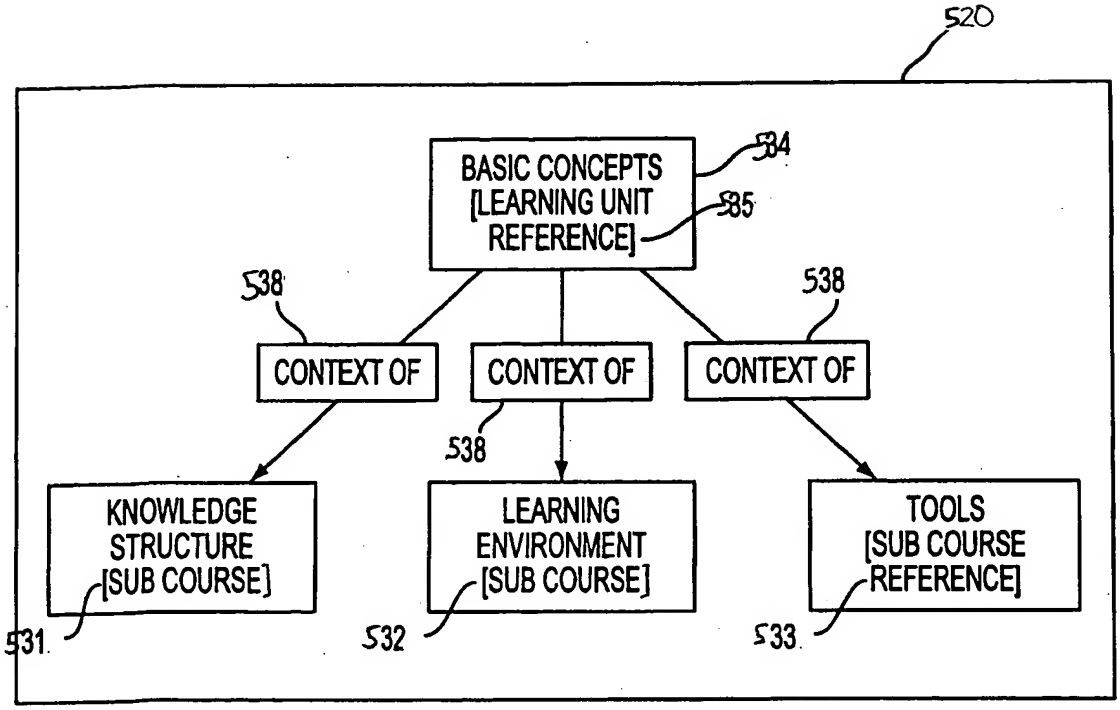
520
BASIC CONCEPTS [LEARNING UNIT REFERENCE]
534
535
538
538
538
CONTEXT OF
CONTEXT OF
CONTEXT OF
KNOWLEDGE STRUCTURE [SUB COURSE]
LEARNING ENVIRONMENT [SUB COURSE]
TOOLS [SUB COURSE REFERENCE]
531
532
533

FIG. 7

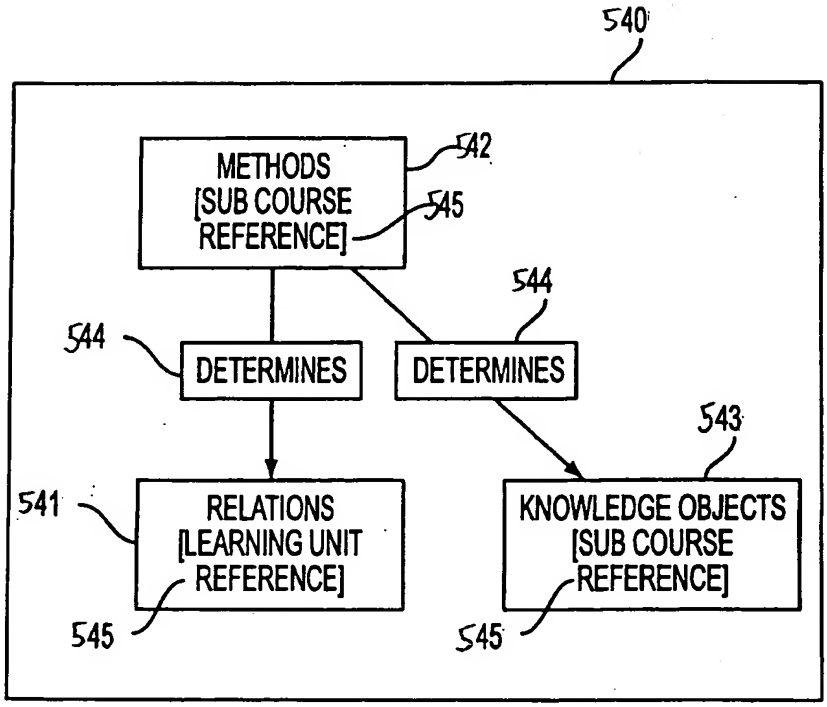
540
METHODS
[SUB COURSE
REFERENCE]
542
545
544
544
DETERMINES
DETERMINES
543
541
RELATIONS
[LEARNING UNIT
REFERENCE]
KNOWLEDGE OBJECTS
[SUB COURSE
REFERENCE]
545
545

FIG. 8

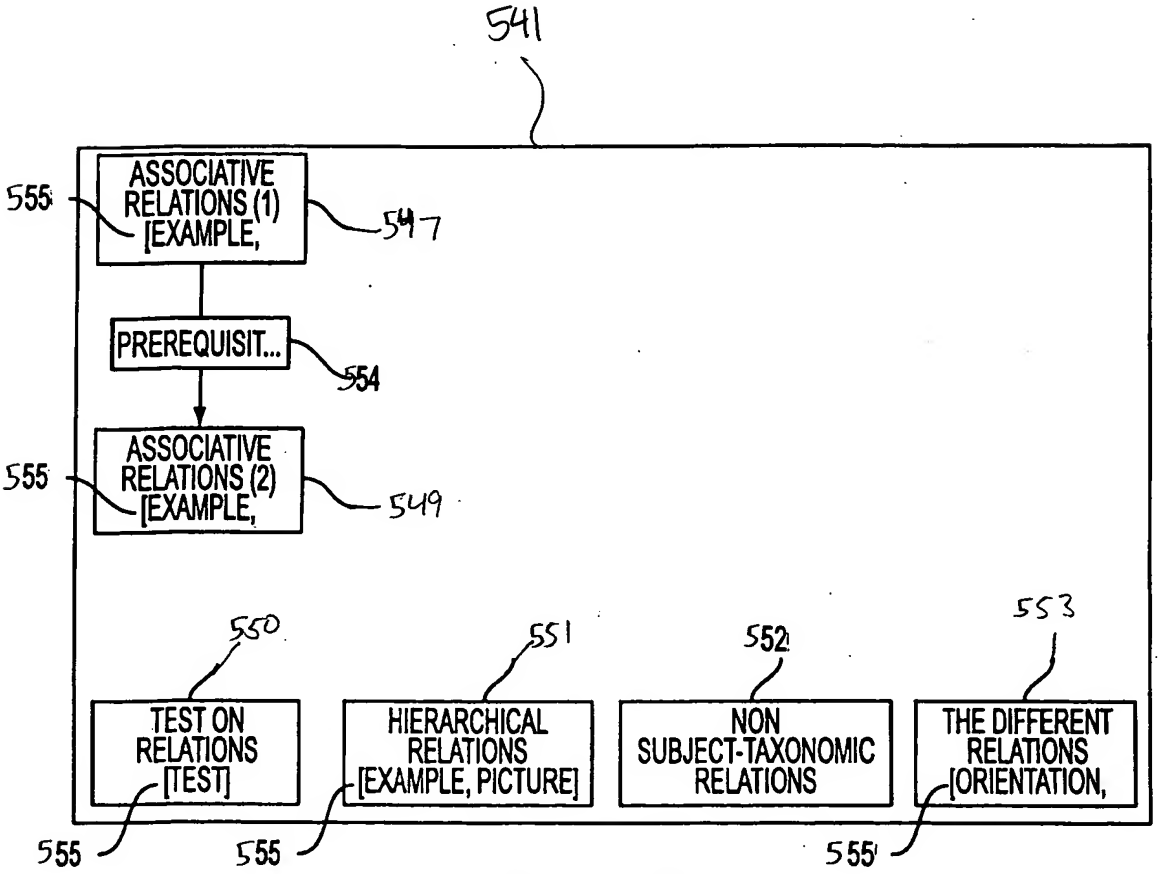
541
555
ASSOCIATIVE RELATIONS (1) [EXAMPLE,
547
PREREQUISIT...
554
555
ASSOCIATIVE RELATIONS (2) [EXAMPLE,
549
550
551
552
553
TEST ON RELATIONS [TEST]
HIERARCHICAL RELATIONS [EXAMPLE, PICTURE]
NON SUBJECT-TAXONOMIC RELATIONS
THE DIFFERENT RELATIONS [ORIENTATION,
555
555
555

FIG. 9

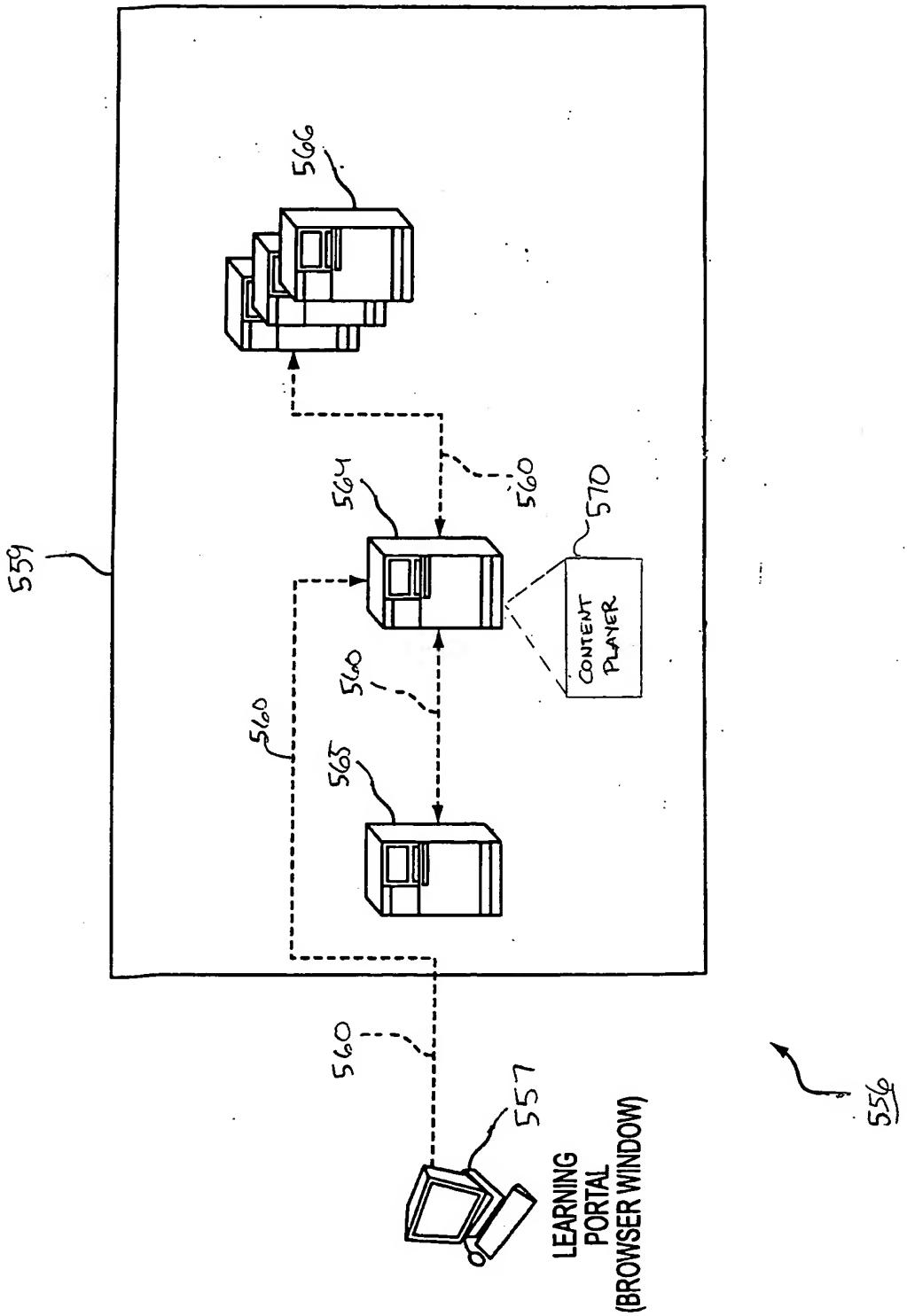
559
566
564
560
570
CONTENT PLAYER
560
560
565
560
557
LEARNING PORTAL (BROWSER WINDOW)
556

FIG. 10